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2834/A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Norihiko ARAKI

Appln. No.: 09/940,731

: Art Unit: 2834

Filed: August 28, 2001

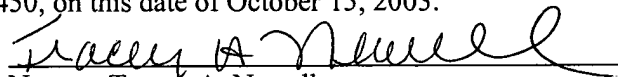
: Examiner: Scheuermann, David W.

For: **METHOD OF STARTING BRUSHLESS  
DC MOTOR ON THE BASIS OF  
INDUCED VOLTAGE IN ARMATURE  
COIL FOR DETECTION OF POSITION:  
OF ROTOR**

: Docket No.: KPM-01801

Certificate of Mailing

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on this date of October 15, 2003.

  
Name: Tracey A. Newell

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 CFR 1.56. Copies of the documents are also being submitted.

The references submitted herewith were cited by the Japanese Patent Office in a September 10, 2003 Office Action for a counterpart application not more than three months prior to filing this Information Disclosure Statement (IDS). Since this IDS is being filed after a Final Office Action has been mailed, then, under 37 CFR 1.97, a check for \$180.00 is being submitted herewith.

In compliance with the requirements of 37 C.F.R. §1.98(a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a

translation of portions of an official action by a foreign examiner in which the references were cited. A copy of the official action is enclosed. The relevance to the pending U.S. patent application is that the references were cited in a foreign patent application corresponding to the above-captioned U.S. patent application. However, no independent analysis of the references, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the translation of the foreign examiner's comments submitted herewith.

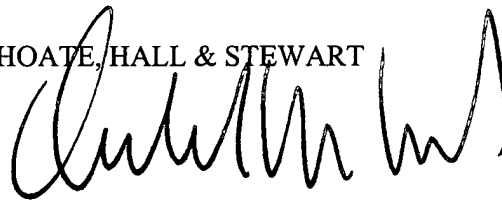
The Examiner is respectfully requested to initial the space adjacent to each document on the PTO-1449 form and return a copy of the PTO-1449 form to confirm that these documents have been considered by the Examiner and made of record in this application.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our **Deposit Account No. 031721**. Two originally-executed copies of this form are being submitted.

Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at (617) 248-4038.

Respectfully submitted,

CHOATE, HALL & STEWART

A handwritten signature in black ink, appearing to read 'Donald W. Muirhead', written over a horizontal line.

Donald W. Muirhead  
Registration No. 33,978

October 15, 2003

Date

Patent Group  
Choate, Hall & Stewart  
Exchange Place  
53 State Street  
Boston, MA 02109

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

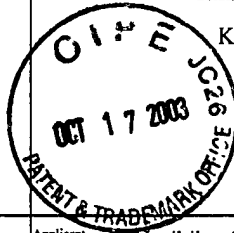
(Use several sheets if necessary)

Docket Number (Optional)

KPM-01801

Application Number

09/940,731



Applicant Norihiko ARAKI

Filing Date August 28, 2001

Group Art Unit 2834

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	AL 7-284293	10/27/95	Japan				X
	AM 4-168995	6/17/92	Japan				X
	AN						
	AO						
	AP						

**OTHER DOCUMENTS**

(Including author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AR	
	AS	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## Reasons

The inventions claimed in the following claims of the present application are inventions that could easily have been invented prior to the filing of the application by a person having an ordinary knowledge of the technical field to which the inventions belong on the basis of inventions described in the following publications, which were disseminated in Japan or in foreign countries prior to the filing of the application. Thus, in accordance with the provisions of Section 29 (2) of the Patent Law, these inventions cannot be patented.

Note (For cited references, etc., see the Table of Cited References, etc.)

### ○ Regarding the Invention of Claim 1

- Cited References, etc. 1 and 2
- Remarks: An invention that is more or less the same as the invention of Claim 1 is described in each of Cited References 1 and 2.

### ○ Regarding the Invention of Claim 2

- Cited References, etc. 1 and 2
- Remarks: An invention that is more or less the same as the invention of Claim 2 is described in each of Cited References 1 and 2.

### ○ Regarding the Inventions of Claims 3 and 4

- Cited References, etc. 1 and 2
- Remarks: The issue of whether the measurement of the counter-electromotive force is performed following the completion of the supply of a starting current or in parallel to the supply of a starting current is nothing more than a design matter, and whichever [option] is selected, the effect obtained as a result of this [selection] is no more than what would be expected of a person skilled in the art.

### ○ Regarding the Invention of Claim 6

- Cited References, etc. 1 and 2
- Remarks: It is indicated in Cited Reference 1 that [the rotation of] the rotor is stopped when the direction of rotation of the rotor is reversed (see paragraph [0023] in Cited Reference 1).

### ○ Regarding the Inventions of Claims 9 and 10

- Cited References, etc. 1 and 2
- Remarks: An invention that is more or less the same as the inventions of Claims 9 and 10 is described in each of Cited References 1 and 2.

With regard to the inventions claimed in claims other than those indicated in this Notification of Reasons for Rejection, no reasons for rejection have been discovered at this time. If reasons for rejection are newly discovered, you will be notified of these reasons for rejection.

Table of Cited References, etc.

1. Japanese Patent Application Kokai No. H7-284293
2. Japanese Patent Application Kokai No. H4-168995